

ENERJİ PİYASALARI İŞLETME ANONİM ŞİRKETİ

TRANSPARENCY PLATFORM API PORTAL

USER MANUAL



The Web Service will be available to the users of the Transparency platform only at the EPIAŞ API PORTAL as of 20th of March 2018.

EPIAŞ API PORTAL registration process is explained for the current users of the Transparency Platform Web Service and new users. New users need to start from the 1st Chapter in order to complete their registration. The current users of the Transparency Platform Web Service can skip the 1st Chapter and start from the 2nd Chapter.

1 IP REGISTRATION

- 1.1 Click on the "Web Service" section of the Transparency Platform main page (<https://seffalik.epias.com.tr/transparency/index.xhtml>).



- 1.2 In the menu that opens, the "User Manual", "Web Service Terms & Conditions", "Technical Document" "EMRA Board Decision" and "API Portal" tabs come out.

1.3 In order to be able to register IP, click Web Service Terms & Conditions and download your computer.



**EXIST TRANSPARENCY PLATFORM
WEB SERVICES TERMS AND CONDITIONS**

This Protocol herein specifies the terms and conditions of the web services provided to 3rd parties (will be referred as COMPANY) via central data and analysis platform (will be referred as TRANSPARENCY PLATFORM) which is operated by the Energy Exchange Istanbul (will be referred as EXIST).

1. Obtaining data which is published on the TRANSPARENCY PLATFORM by web services is only effective if the COMPANY signs this Protocol and sends the original copy to EXIST.
2. COMPANY acknowledges and undertakes to establish Transparency Platform web service connection with the following IP address.....If the COMPANY wants to set a connection with a different IP address, it will proceed with a formal written request and send this requisition to EXIST.
3. EXIST cannot be held responsible for any loss or damage whatsoever caused resulting from data distribution flaws, delays or service interruptions; interrupted, incoherent and erroneous data or other possible misinterpretations.
4. This Protocol herein does not imply the transfer of intellectual property rights of data and analysis under the ownership of EXIST.]
5. Subject matter of the service outlined in this Protocol is free of charge. EXIST reserves the right to demand a fee for this service in the future and this change shall be announced on www.epias.com.tr before being effective. Unless the COMPANY accepts pricing; signs and sends the new Protocol in 5 business days following this announcement, EXIST has a right to terminate COMPANY's access to data without a further notice/warning.
6. COMPANY shall not use the acquired data for illicit purposes or make it used by 3rd parties for unlawful acts and cannot manipulate and/or make changes to data. COMPANY may share the data with 3rd parties only by showing EXIST as reference.
7. COMPANY acknowledges that under necessary circumstances EXIST has a right to change the scope of this service and other relevant issues; accepts the fact that without showing a cause or making a notification EXIST can cease COMPANY's access to TRANSPARENCY PLATFORM and terminate web service Protocol.

COMPANY NAME:

STAMP:

SIGNATURE:

DATE:

Company Contact Person With Regards To Web Services

NAME-LAST NAME:

PHONE:

E-MAIL:

- 1.4 The relevant parts of the Terms & Conditions shall be filled in and sent to by cargo to the address below with the wet signature and the company stamp.

Enerji Piyasaları İşletme A.Ş

BMaslak Mahallesi Taşyoncası Sokak No:1/F F2 Blok 34485 Sarıyer/İstanbul/Türkiye

Your IP number is defined in the EPIAŞ White List, within two business days following the arrival of your cargo. After defining your IP you can use Web services and EPIAS API Portal.

If you have any problems about the IP process, please feel free to contact us at seffaflik@epias.com.tr, If you have any problems about the technical issues, please feel free to contact us at apideveloperportal@epias.com.tr

2 API PORTAL REGISTRATION

API PORTAL registration process for the current users of the Transparency Platform Web Service who have already signed the Web Service Terms & Conditions and registered their Ips, is explained below.

2.1 Visit EPIAŞ API PORTAL website (<https://apiportal.epias.com.tr/exchange/>).

Click on the “Hesap Oluştur” link at the main page.



2.2 Fill the online form and complete the sign-up process.

The screenshot shows the 'Hesap Oluştur' (Account Creation) page of the EPIAŞ API PORTAL. The page has a blue header with the EPIAŞ logo and 'API PORTAL' text. The navigation menu includes 'Anasayfa', 'API Ürünleri', 'Dokümantasyon', 'Blog', and 'Sıkça Sorulan Sorular'. The main content area is titled 'Hesap Oluştur' and contains a form with the following fields and sections:

- Yeni hesap oluştur** (New account create) - **Oturum aç** (Login) - **Yeni şifre liste** (New password list)
- apiportal.epias.com.tr/exchange hesabını oluşturun ...**
- Kullanıcı Adı *** (Username) - Boşluklara izin verilir: nokta, tire, kesme işareti ve alt çizgi dışında noktasızma işaretleme izin verilmaz.
- E-posta adresi *** (Email address) - Gözetil bir e-posta adresini giriniz. Sistemden geçen tüm e-postalar bu adrese gönderilecektir. E-posta adresini açılmamış ve sadece yeni parola isteğinde veya belli haberleri veya uyarıları e-postaya almak istediğinizde kullanacaksınız.
- Parola Gereksinimleri** (Password requirements) - Password must contain characters of at least 3 different types (lowercase, uppercase, digit or punctuation). Password must be at least 8 characters in length.
- Şifre *** (Password) - **Parola kalitesi** (Password quality)
- Parolayı doğrula *** (Confirm password)
- Yeni hesap için parolanızı iki kere de giriniz.**
- Adınız *** (Name) - İsminizi giriniz.
- Soyadınız *** (Surname) - Soyadınızı giriniz.
- Firma Adınız *** (Company name) - Firma isminizi giriniz.
- İrtibat Numarası *** (Contact number)

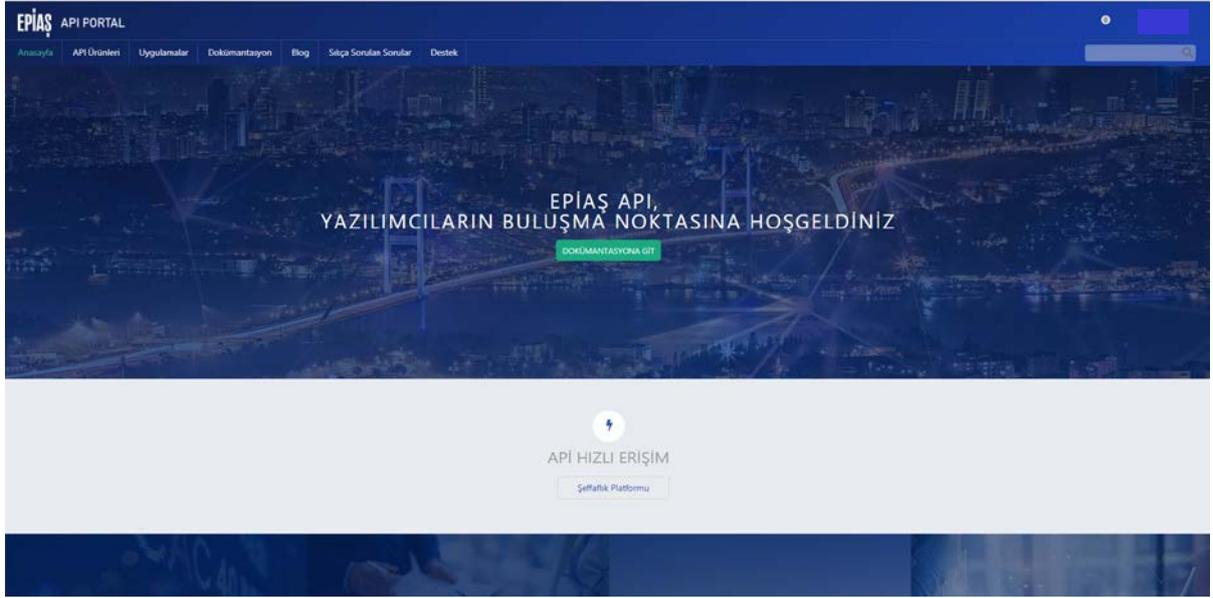
2.3 Sign in the API PORTAL by using account information.

The screenshot shows the 'Oturum aç' (Login) page of the EPIAŞ API PORTAL. The page has a blue header with the EPIAŞ logo and 'API PORTAL' text. The navigation menu includes 'Anasayfa', 'API Ürünleri', 'Dokümantasyon', 'Blog', and 'Sıkça Sorulan Sorular'. The main content area is titled 'Oturum aç' and contains a form with the following fields and sections:

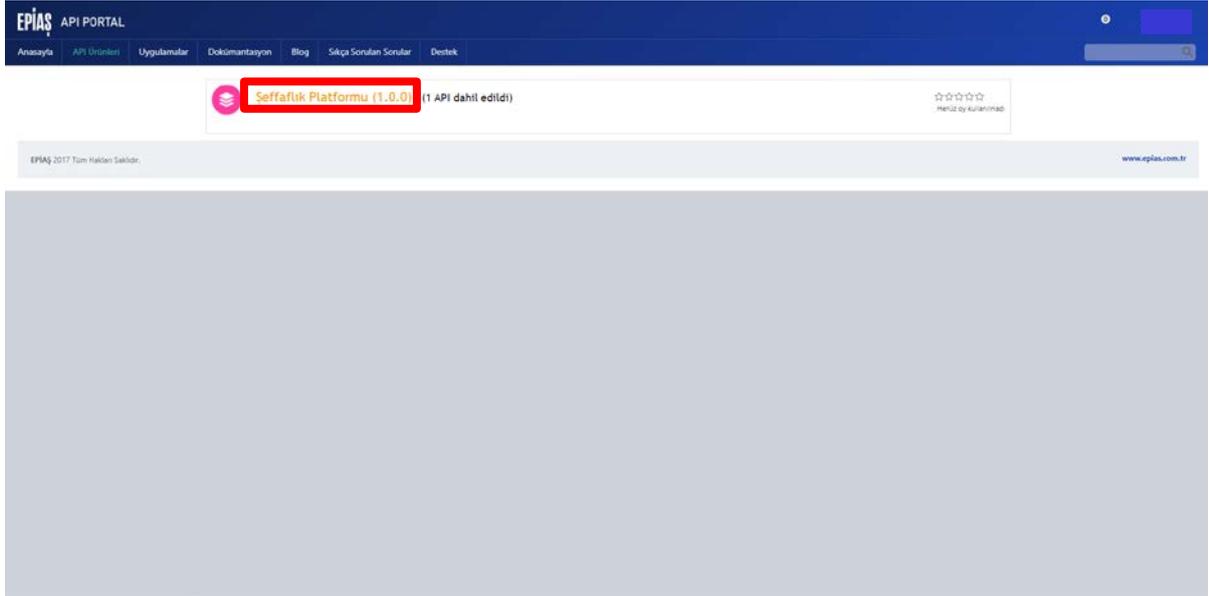
- Yeni hesap oluştur** (New account create) - **Oturum aç** (Login) - **Yeni şifre liste** (New password list)
- apiportal.epias.com.tr/exchange hesabınızı kullanın ...**
- Kullanıcı Adı *** (Username) - apiportal.epias.com.tr/exchange kullanıcı adınızı giriniz.
- Şifre *** (Password) - Kullanıcı adınızla eşleşen parolanızı giriniz.
- Giriş yap** (Login)

At the bottom of the page, there is a footer with the text 'EPIAŞ 2017 Tüm Hakları Saklıdır.' and the website URL 'www.epias.com.tr'.

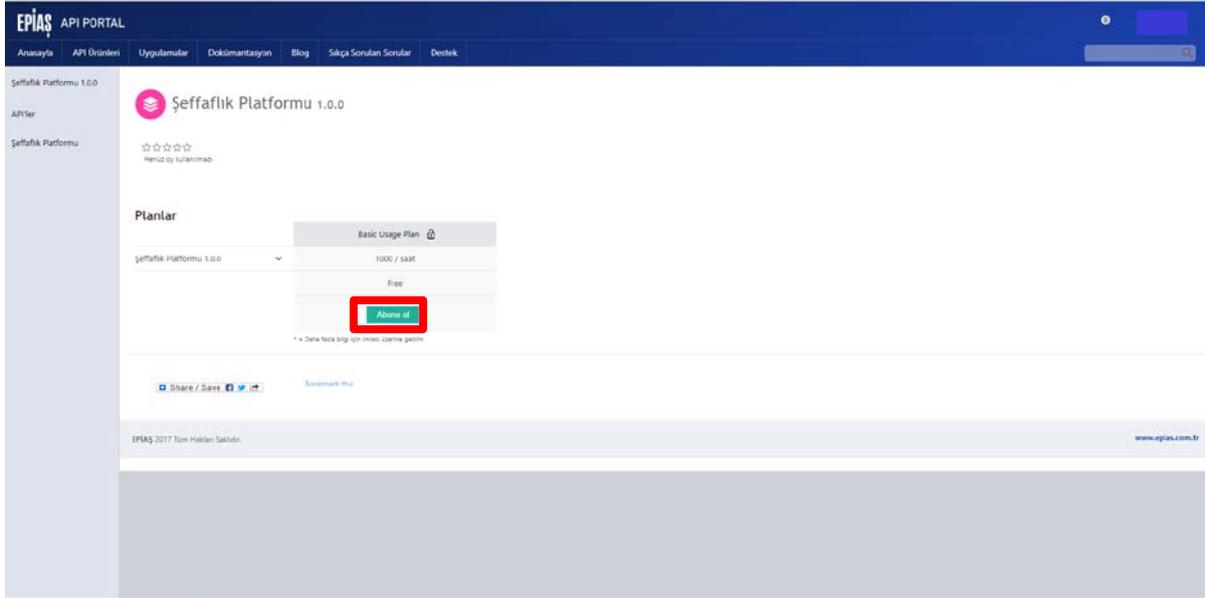
2.4 Click on the “API Ürünleri” link at the main page of EPIAŞ API PORTAL.



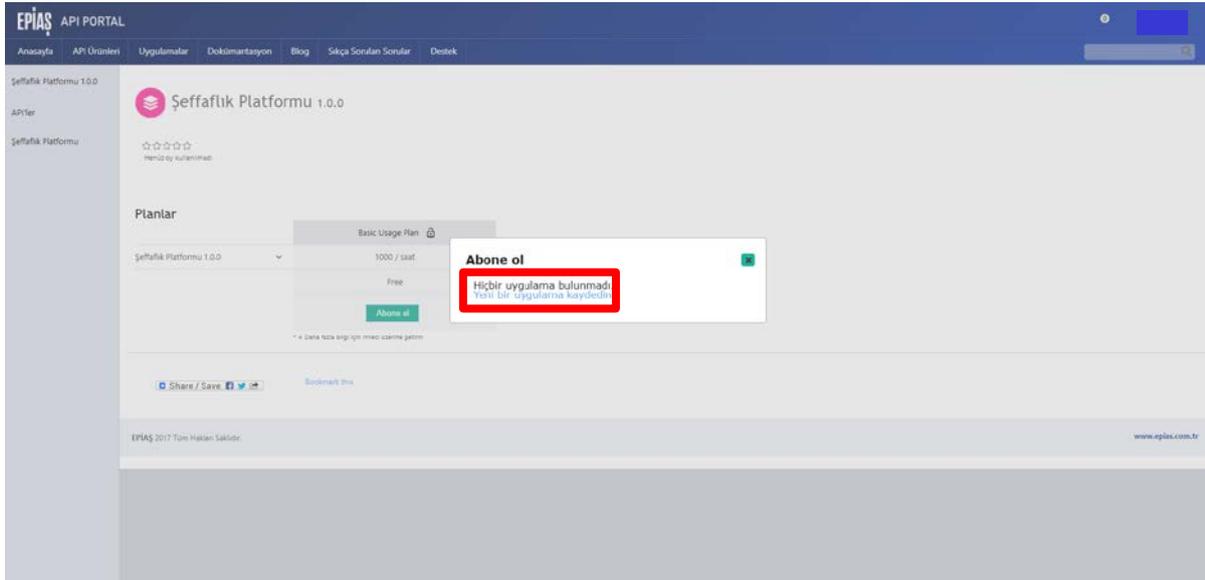
2.5 Click on the “Şeffaflık Platformu (1.0.0)” link.



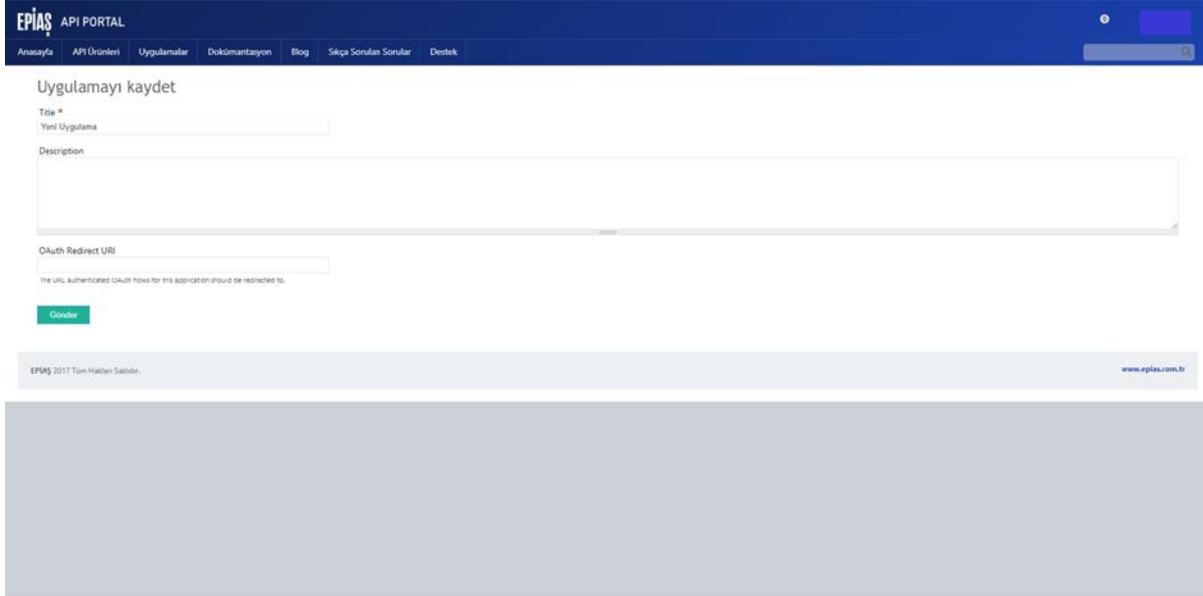
2.6 Click on the “Abone ol” link.



2.7 Pop-up appears because the user has not created application at the API PORTAL before. Click on the “Yeni bir uygulama kaydedin” link.



2.8 Enter the name of the application in the “Title” section and click on the “Gönder” link below to register the application.

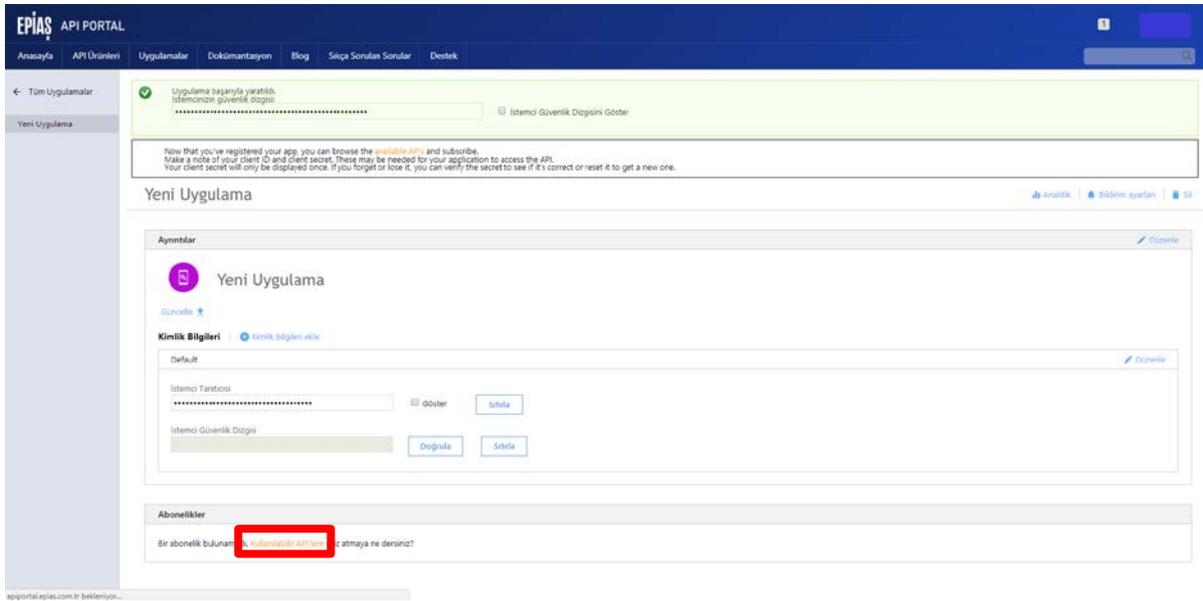


The screenshot shows the 'Uygulamayı kaydet' (Register Application) form in the EPIAŞ API Portal. The form includes the following fields:

- Title ***: A text input field with the placeholder 'Yeni Uygulama'.
- Description**: A large text area for providing details about the application.
- OAuth Redirect URI**: A text input field with a note below it: 'The URL, authenticated OAuth flows for this application should be redirected to.'

A green 'Gönder' (Send) button is located at the bottom of the form. The page footer contains the text 'EPIAŞ 2017 Tüm Hakları Saklıdır.' and the website URL 'www.epias.com.tr'.

2.9 Details of the created application appears. Click on the “Kullanılabilir API'lere” link.

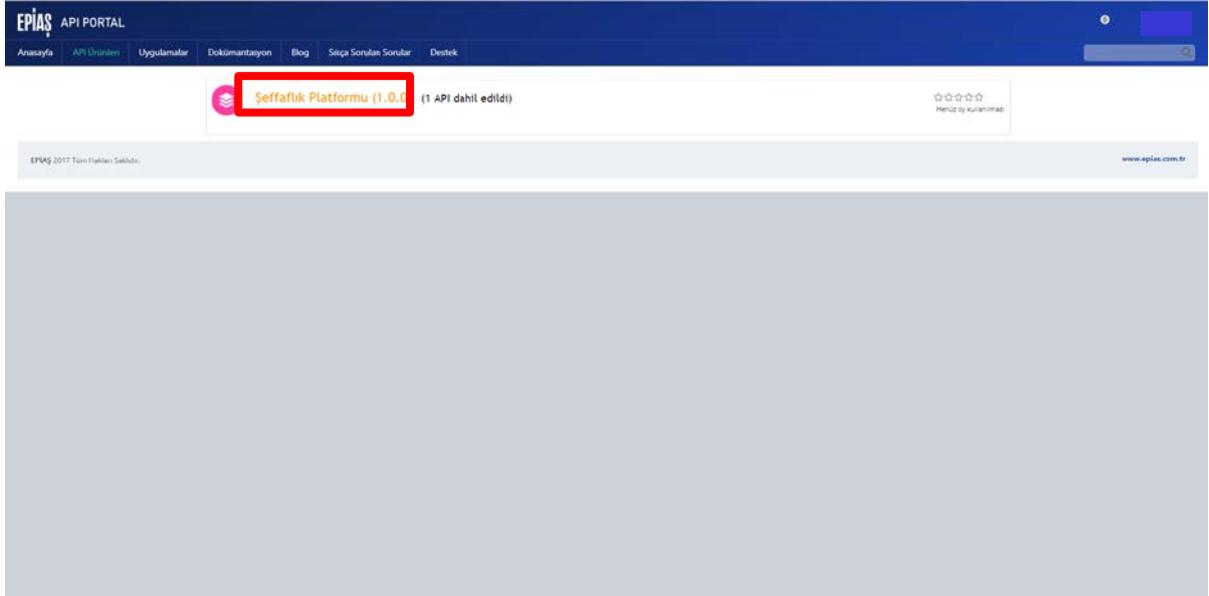


The screenshot displays the 'Yeni Uygulama' (New Application) details page in the EPIAŞ API Portal. The page is divided into several sections:

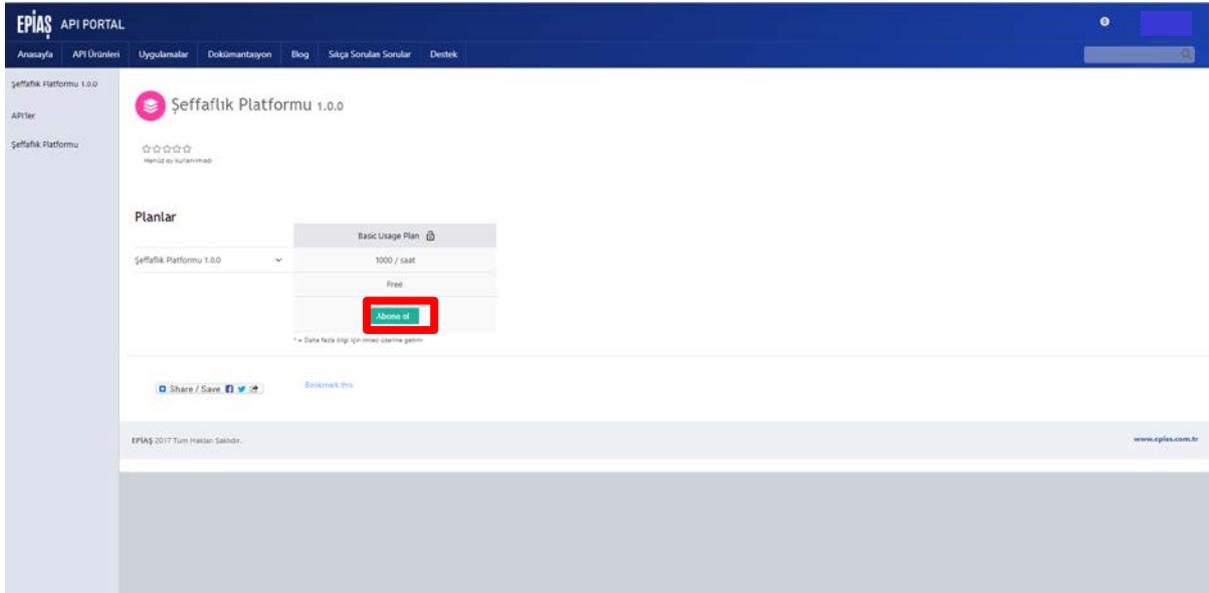
- Uygulama başarıyla yapıldı.**: A green notification banner indicating successful registration, with a link to 'İstemci Güvenlik Diziğini Göster' (Show Client Security Sequence).
- Now that you've registered your app, you can browse the available APIs and subscribe.**: A note explaining the next steps, mentioning client ID and secret.
- Yeni Uygulama**: The main title of the application details page.
- Ayrıntılar**: A section containing the application's name 'Yeni Uygulama' and a 'Güncelle' (Update) button.
- Kimlik Bilgileri**: A section for client credentials, including a 'Default' profile and fields for 'İstemci Tanıtıcı' (Client ID) and 'İstemci Güvenlik Diziği' (Client Secret), each with 'Gözet' (View) and 'Sil' (Delete) buttons.
- Abonelikler**: A section for subscriptions, with a red box highlighting the 'Kullanılabilir API'lere' (Available APIs) link.

The footer of the page shows the URL 'apiportal.epias.com.tr/belgeler/...'

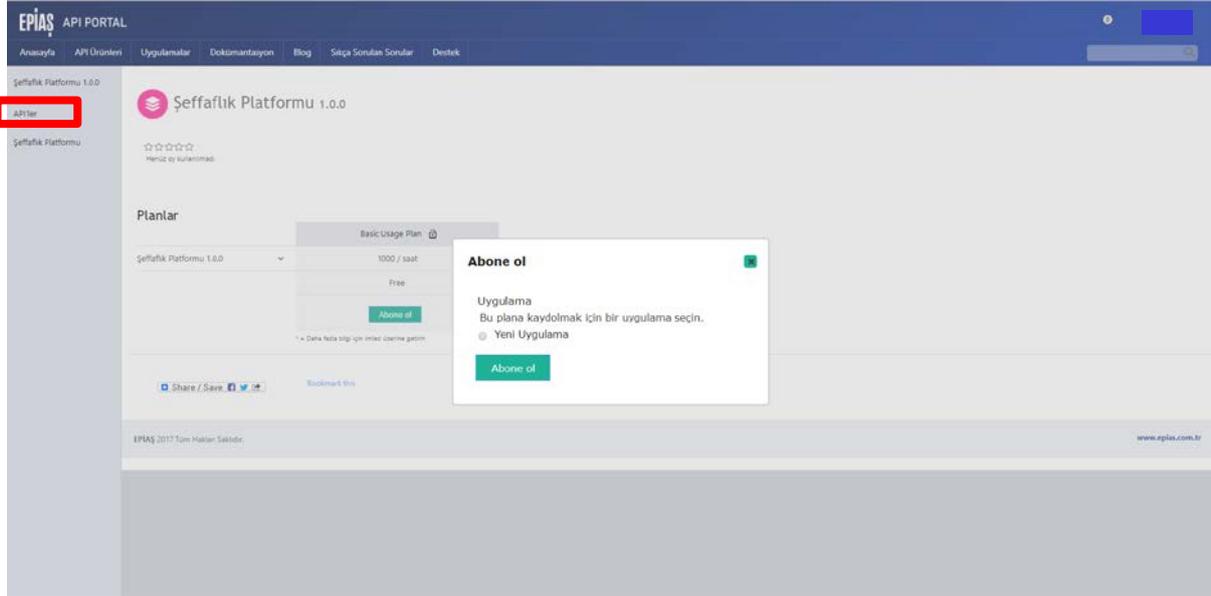
2.10 API Ürünleri (API Products) page opens and click on the “Şeffaflık Platformu (1.0.0)” link.



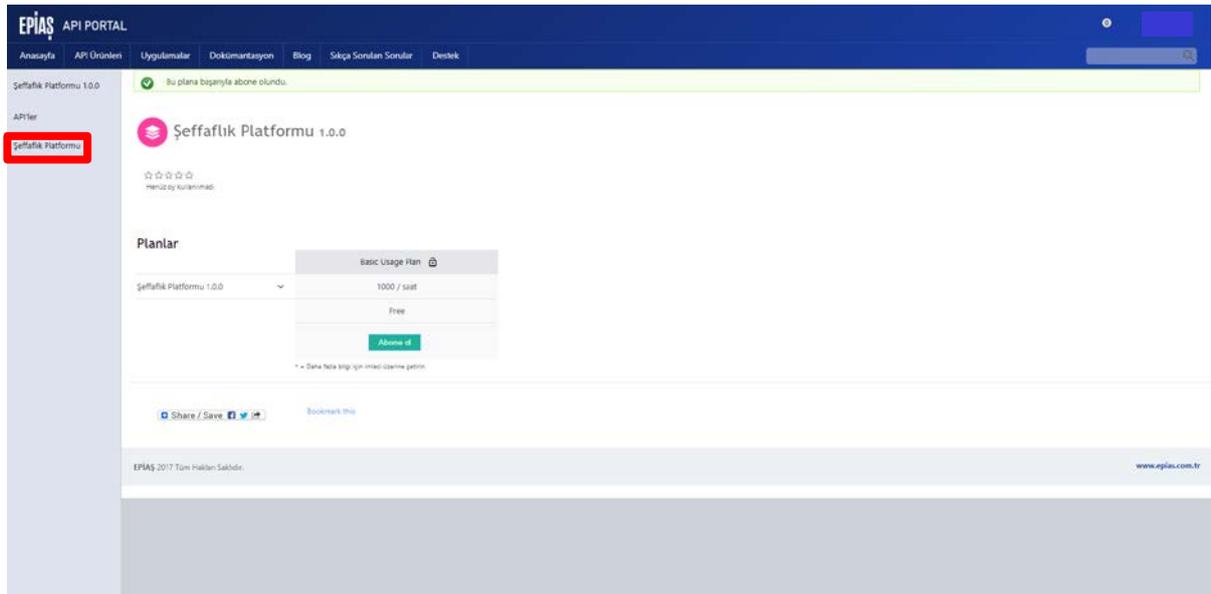
2.11 Click on the "Abone ol" link.



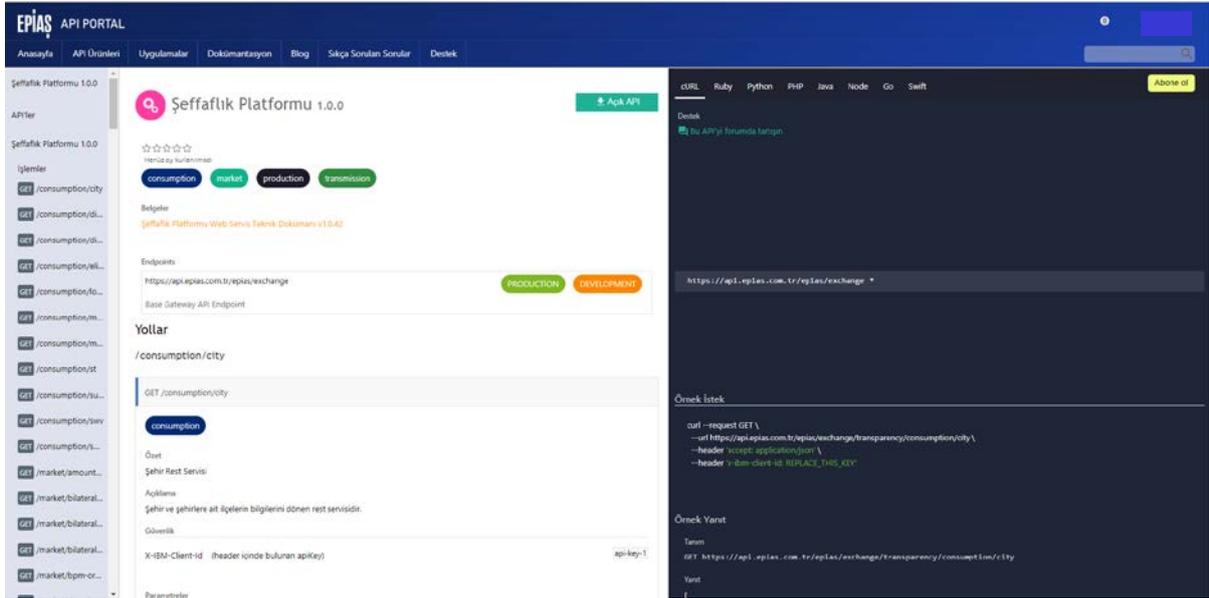
2.12 Select the name of the created application at the pop-up window and click on the “Abone ol” link.



2.13 After that the message “Bu plana başarıyla abone olundu” appears on the top of the screen which means that the subscription to this plan is done successfully. Click on the “Şeffaflık Platformu” link on the left of the page. (not “Şeffaflık Platformu 1.0.0”)

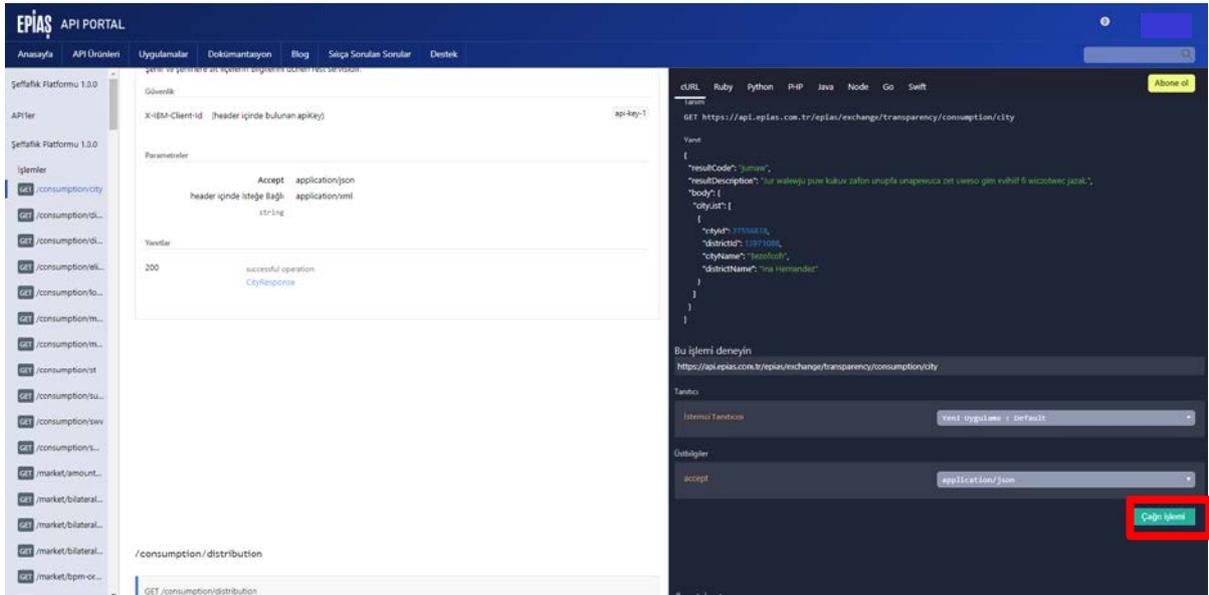


2.14 After clicking “Şeffaflık Platformu” link, the page below opens. Scroll down the page.



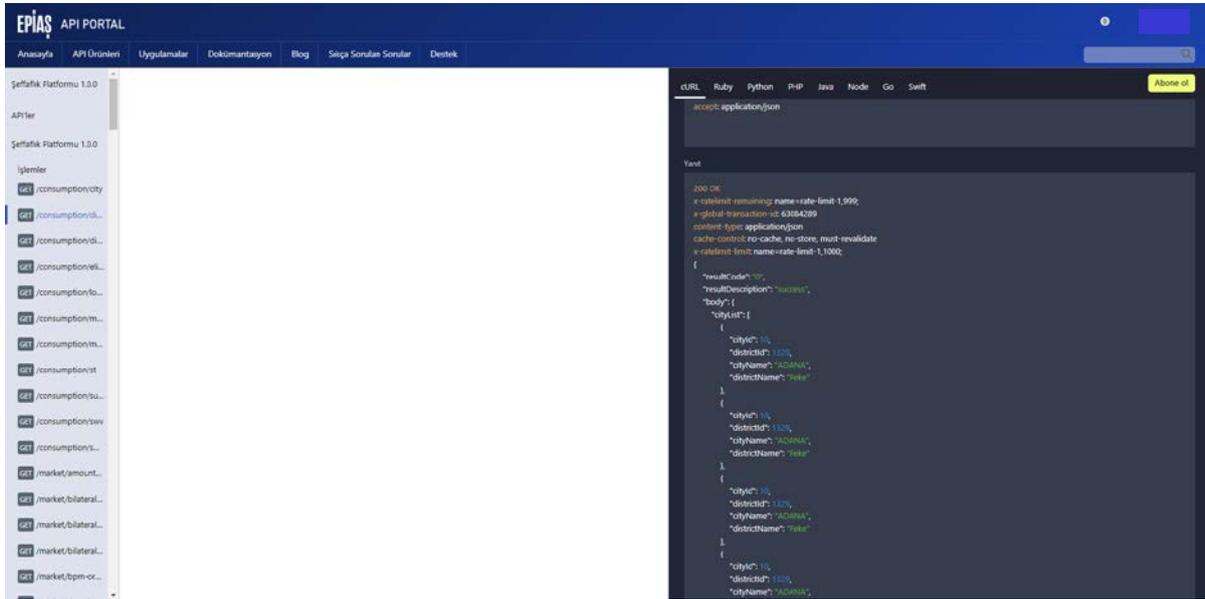
The screenshot shows the EPIAŞ API Portal interface. The main content area displays the details for the 'Şeffaflık Platformu 1.0.0' API. The 'Yollar' (Endpoints) section lists the endpoint '/consumption/city' with a 'GET' method. The 'Özet' (Summary) section provides a brief description of the endpoint. The 'Gözetim' (Headers) section shows the X-IBM-Client-id header. The 'Parametreler' (Parameters) section is empty. The right sidebar shows the 'Çağrı İşlemi' (Call Operation) link highlighted in red.

2.15 Click on the “Çağrı işlemi” link on the right.



The screenshot shows the EPIAŞ API Portal interface. The main content area displays the details for the 'Şeffaflık Platformu 1.0.0' API. The 'Yollar' (Endpoints) section lists the endpoint '/consumption/city' with a 'GET' method. The 'Gözetim' (Headers) section shows the X-IBM-Client-id header. The 'Parametreler' (Parameters) section shows the 'Accept' and 'header içinde listele Bağlı' parameters. The 'Yollar' (Endpoints) section shows the '200' status code and the 'successful operation' response. The right sidebar shows the 'Çağrı İşlemi' (Call Operation) link highlighted in red.

2.16 Scroll down the same page and the called data appears under the “Yanıt” section.



The screenshot displays the EPIAŞ API Portal interface. On the left, there is a sidebar with a search bar and a list of API endpoints. The main area shows a REST client interface with a dropdown menu for selecting the language (currently set to 'dURL'). Below the dropdown, there is a text input field for the URL and a 'Yanıt' (Response) section. The response is displayed in a dark-themed code editor, showing a 200 OK status and a JSON body containing a list of city data.

```
200 OK
e-ratelimit-remaining: name=rate-limit-1,999
e-global-transaction-id: 63084289
content-type: application/json
cache-control: no-cache, no-store, must-revalidate
e-ratelimit-limit: name=rate-limit-1,1000
{
  "resultCode": "0",
  "resultDescription": "success",
  "body": {
    "cityList": [
      {
        "cityId": 10,
        "districtId": 1020,
        "cityName": "ACIĞAĞ",
        "districtName": "İskler"
      },
      {
        "cityId": 10,
        "districtId": 1020,
        "cityName": "ACIĞAĞ",
        "districtName": "İskler"
      },
      {
        "cityId": 10,
        "districtId": 1020,
        "cityName": "ACIĞAĞ",
        "districtName": "İskler"
      }
    ]
  }
}
```